

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
2 June 2005 (02.06.2005)

PCT

(10) International Publication Number
WO 2005/049005 A1

(51) International Patent Classification⁷:
49/00, 51/00

A61K 31/18,

(74) Agents: CANNING, Lewis, Reuben et al.; Amersham plc, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).

(21) International Application Number:

PCT/GB2004/004792

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date:
12 November 2004 (12.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0326546.9 14 November 2003 (14.11.2003) GB

(71) Applicant (*for all designated States except US*): AMERSHAM PLC [GB/GB]; Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): CUTHBERTSON, Alan [GB/NO]; Amersham Health AS, Nycoveien 1-2, Postboks 4220 Nydalen, N-0401 Oslo (NO). SOLBAKKEN, Magne [NO/NO]; Amersham Health AS, Nycoveien 1-2, Postboks 4220 Nydalen, N-0401 Oslo (NO). BJURGERT, Emma [SE/NO]; Amersham Health AS, Nycoveien 1-2, Postboks 4220 Nydalen, N-0401 Oslo (NO).

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/049005 A1

(54) Title: INHIBITOR IMAGING AGENTS

(57) Abstract: The present invention discloses that imaging agents which comprise a specific type of matrix metalloproteinase inhibitors (MMPi's) of the sulphonamide hydroxamate class labelled with an imaging moiety, are useful diagnostic imaging agents for in vivo imaging and diagnosis of the mammalian body.